



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Elspeth Pryce **PRESENTING CLINICAL SIGNS** History: September fall from 1m elevation - yelped December haematuria unknown origin increasing lethargy knuckling in right hind

SPECIES Abnormal PE/Chem/CBC/UA Results: monocytosis/neutrophilia

Canine COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

A pre- and post-contrast CT study of the abdomen is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

BREED Bull Terrier

The retroperitoneal fat ventral to L1 to L3 presents significant fat stranding. Level with L2, between the aorta and the caudal vena cava, a roundish soft tissue attenuating lesion with mild peripheral contrast enhancement is appreciated. Multiple small gas bubbles are seen in the retroperitoneal space at the same level.

SEX

Spayed Female

Throughout the peritoneal cavity, multiple small (<2 mm) soft tissue attenuating nodules are appreciated; the peritoneal fat presents mild fat-stranding.

AGE

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Sacralization of L7 is appreciated and L7 is articulating with the left sacroiliac joint and presents a transverse process in the right aspect.

INTERPRETED BY

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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DVM Dr. med. vet.
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The adrenal glands are within normal limits for size, shape and organ architecture and are embedded within the retroperitoneal effusion.

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The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The hepatic volume is moderately increased and presents irregular convex margins. Post contrast administration, multiple hypoattenuating, ill-defined, variable sized nodules/masses are seen throughout the hepatic parenchyma.

REFERRING VET

Dr. Eamon

The hepatic lymph nodes, splenic lymph node and the gastric lymph nodes are moderately enlarged, rounded and present a heterogeneous contrast enhancement pattern.

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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

DATE

1/14/23



PATIENT

Elsbeth Pryce

In the pictured parts of the lung parenchyma, multiple well-defined uniform soft tissue attenuating nodules are visible.

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Hepatic masses
- Suspect retroperitoneal hemorrhage and potential retroperitoneal nodular lesion level L1-L3
- Peritoneal nodules
- Lymphadenopathy hepatic, mesenteric and gastric lymph nodes

BREED

Bull Terrier

- Structured nodular interstitial lung pattern
- Mild peritoneal effusion
- Asymmetric lumbosacral transitional vertebra (type III)
- Spondylosis deformans

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings of the CT study are consistent with disseminated neoplastic disease, possible due to primary hepatic neoplasm with metastasis to the regional lymph nodes, peritoneal cavity, retroperitoneum and lung. Differentials include carcinomatosis or hemangiosarcoma. FNA sampling might be used for further differentiation.

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The retroperitoneal gas inclusions might be a sequela to the hemorrhage or can be a sign for infection – the latte is considered less likely.

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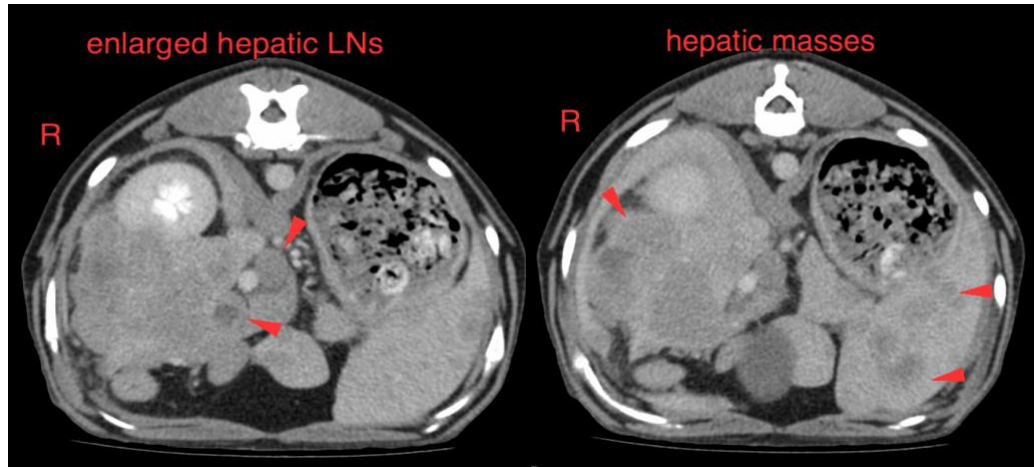
Elsbeth Pryce

SPECIES

Canine

BREED

Bull Terrier



SEX

Spayed Female

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

AGE

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